

jp76021635/pn

L1 ANSWER 1 OF 1 WPINDEX COPYRIGHT 2010 THOMSON REUTERS on STN  
ACCESSION NUMBER: 1976-59083X [197631] WPINDEX  
TITLE: Chlorine gas generation by electrolysis - cathode  
chamber being filled with amphoteric metal chloride or  
polybasic org. acid  
DERWENT CLASS: E17; E36; J03  
PATENT ASSIGNEE: (INOZ-C) INOUE JAPAX RES INC  
COUNTRY COUNT: 1

PATENT INFORMATION:

| PATENT NO   | KIND | DATE     | WEEK      | LA | PG | MAIN IPC |
|-------------|------|----------|-----------|----|----|----------|
| JP 51021635 | B    | 19760703 | (197631)* | JA |    |          |

APPLICATION DETAILS:

| PATENT NO           | KIND | APPLICATION   | DATE     |
|---------------------|------|---------------|----------|
| ***JP 51021635 B*** |      | JP 1972-75885 | 19720731 |

PRIORITY APPLN. INFO: JP 1972-75885 19720731

INT. PATENT CLASSIF.:

MAIN/SEC.: C25B001-26

BASIC ABSTRACT:

JP 76021635 B UPAB: 20050415

An electrolytic bath is sepd. into an anode chamber and cathode  
cathode chamber. The anode chamber is filled with NaCl solution contg.  
metal chloride capable of forming amphoteric oxide e.g. AlCl<sub>3</sub> and  
FeCl<sub>2</sub>.

The cathode chamber is filled with the metal chloride or monobasic or  
polybasic organic acid e.g. lactic acid, tartaric acid and gluconic  
acid

and generated gas is introduced from anodic chamber.

MANUAL CODE: CPI: E31-B01; J03-B02

L17 ANSWER 1 OF 1 WPIX COPYRIGHT 2010 THOMSON REUTERS on STN  
AN 1976-59083X [197631] WPIX Full-text  
TI Chlorine gas generation by electrolysis - cathode chamber being  
filled  
with amphoteric metal chloride or polybasic organic acid  
DC E17; E36; J03  
PA (INOZ-C) INOUE JAPAX RES INC  
CYC 1  
PI JP 51021635 B 19760703 (197631)\* JA  
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ADT JP 1972-75885 19720731  
PRAI JP 1972-75885 19720731  
IC IC C25B0001-26  
AB JP 76021635 B UPAB: 20050415  
An electrolytic bath is separated into an anode chamber and  
cathode cathode chamber. The anode chamber is filled with NaCl  
solution containing metal chloride capable of forming amphoteric  
oxide e.g. AlCl<sub>3</sub> and FeCl<sub>2</sub>. The cathode chamber is filled with the  
metal chloride or monobasic or polybasic organic acid e.g. lactic  
acid, tartaric acid and gluconic acid and generated gas is  
introduced from anodic chamber.  
FS CPI  
MC CPI: E31-B01; J03-B02